



## Product Specification 7106

Taconic 7106 is an economy grade 10 mil PTFE coated fiberglass fabric. This material exhibits release properties, heat resistance, and chemical resistance. Common applications include heat sealing/poly packaging, tray lining, composite release liners, food processing (platen covering), gaskets and seals, uPVC window welding, and a variety of aerospace applications. Economy grade fabrics have a lower PTFE coated weight compared with mechanical and standard grade materials. Maximum width is 51.5" wide.

| Product Properties        | Units       | Value                 | Tolerance    | Test Method        |
|---------------------------|-------------|-----------------------|--------------|--------------------|
| Reinforcing Substrate     |             | <b>E-GLASS</b>        |              |                    |
| Coating Type              |             | <b>PTFE</b>           |              |                    |
| % Coating                 | %           | <b>44</b>             | +/- 2%       |                    |
| Total Coated Weight       | lbs/yd2     | <b>0.68</b>           | +/- 5%       | ASTM D4969         |
| Nominal Thickness         | inch        | <b>0.0078</b>         |              | ASTM D4969         |
| Coating Adhesion Strength | lbs/in      | <b>3</b>              | Typical      | ASTM D751          |
|                           |             | <b>2.2</b>            | Minimum      |                    |
| Dielectric Breakdown      | volts/mil   | <b>300</b>            | Typical      | ASTM D149 Method A |
|                           |             | <b>200</b>            | Minimum      |                    |
| Tensile Strength          | lbf/in      | <b>230</b>            | Typical Warp | ASTM D902          |
|                           |             | <b>200</b>            | Minimum Warp |                    |
|                           |             | <b>145</b>            | Typical Fill |                    |
|                           |             | <b>115</b>            | Minimum Fill |                    |
| Tear Strength             | lbs         | <b>12</b>             | Typical Warp | ASTM D5587         |
|                           |             | <b>7</b>              | Minimum Warp |                    |
|                           |             | <b>7</b>              | Typical Fill |                    |
|                           |             | <b>2</b>              | Minimum Fill |                    |
| Operating Temperature     | °Fahrenheit | <b>-100° to +500°</b> |              |                    |

Information contained in this document is based on our general experience and is given in good faith, but we are unable to accept responsibility in respect to factors which are outside our knowledge or control. All data is subject to change without notice.



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